

Application S/N: 10/020,678
Atty Docket No. 1014-12

Date: November 12, 2004
Response to May 11, 2004 Office Action

REMARKS

The Examiner objected to the specification on the grounds of allegedly failing to provide antecedent basis for claimed subject matter, with specific reference to lack of mention of various "means" disclosed in claims 1-23 in the specification. The Examiner also rejected claims 1-23 under 35 USC 112, second paragraph, for being allegedly indefinite based on a variety of alleged informalities. The Examiner further objected to claims 11 and 18-21 under 37 CFR 1.75(c) as being allegedly of improper dependent form for a number of different reasons. Finally, the Examiner rejected claims 1-1-, 12-19, and 22-23 under 35 USC 103(a) as being allegedly unpatentable over Presby, U.S. Patent No. 6,534,741 in light of the Examiner's broad interpretation of the above-rejected claims. The Examiner's arguments are respectfully addressed in light of the below identified amendments and remarks.

The Objection to the Specification, the 35 USC 112 Rejection of Claims 1-23, the 37 CFR 1.75(c) Objection to claims 11 and 18-21.

Applicants are grateful to the Examiner for his detailed review and analysis of the specification and claims 1-23. In response to the Examiner's arguments with respect to the above-identified rejections and objections, Applicants have cancelled claims 1-23 without prejudice, and are submitting new claims 30-51 herewith. Applicants believe that the new claims 30-51 address all of the issues noted by the Examiner's with respect to the objection to the specification, the 35 USC 112 rejection of claims 1-23, and the 37 CFR 1.75(c) objection to claims 11 and 18-21. The new submitted claims 30-51 contain no new matter and are fully supported by the specification and the various drawings.

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Every effort has been made, at the Examiner's suggestion, to identify the various inventive features of the claims in the same manner as such features have been identified in the specification.

The 35 U.S.C. 103(a) Rejection of Claims 1-10, 12-19, and 22-23 in view of U.S. Patent No. 6,534,741 to Presby.

As noted above, Applicants have cancelled claims 1-23 and have provided new claims 30-51. The Examiner noted the difficulty of applying the 35 USC 103(a) rejection to Applicants' claims in light of the previously noted formal rejection and objections. The new claims 30-51 clearly recite a number of different inventive embodiments for manufacturing a chiral optical fiber having a desired chiral refractive index modulation in a manner not taught or suggested by Presby alone or in combination with other references of record.

Applicants believe that new claims 30-51 are in condition for allowance and respectfully ask that the Examiner pass the application to issue. If there are any questions, the Examiner is urged to contact Applicants' attorney at the below-noted telephone number.

Respectfully submitted,

By



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